

CK-4 & FA-4

# BIG-TIME BENEFITS.

**Extend the life of your equipment and increase fuel economy with the current API categories.** Kendall® proudly offers a full line of heavy-duty products that meet or exceed these industry performance requirements and help you maximize the efficiency of your business. CK-4 and FA-4 have both been subjected to the same rigorous performance testing and stand as the fastest, most inexpensive way to benefit your fleet or equipment.



## CK-4

### BENEFITS

- Advanced wear protection and durability
- Backwards-compatible for all applications that required CJ-4
- Increased fuel efficiency compared to 15W-40 (SAE 10W-30, 5W-30)
- Robust aeration and oxidation control
- Low volatility
- On- and off-highway severe duty service

### APPLICATIONS

- Trucking
- Mining equipment
- Construction equipment
- Other heavy-duty diesel applications

### PRODUCTS

#### Full Synthetic:

- SHP® with Liquid Titanium® (5W-40)
- SHP Euro (5W-30)
- SHP Arctic with Liquid Titanium (0W-40)

#### Premium Synthetic Blend:

- Super-D XA® with Liquid Titanium (15W-40, 10W-30)

#### Market General:

- Super-D® EC (15W-40, 10W-30)

## FA-4

### BENEFITS

- Increased fuel economy versus CK-4 10W-30
- Same outstanding wear protection as Super-D XA 15W-40 and 10W-30 (CK-4) on the DD13 Scuffing Test (ASTM D8074)
- On-highway severe duty service
- FA-4 oils must pass the same tests at the same thresholds as CK-4 oils but do it at lower HTHS values

### APPLICATIONS

- Trucking (Class 3–8)
- Other diesel equipment that may benefit from a lower viscosity product or take advantage of fuel economy benefits

### PRODUCTS

#### Full Synthetic:

- SHP FE (5W-30)

#### Premium Synthetic Blend:

- Super-D FE with Liquid Titanium (10W-30)



## CK-4 & FA-4 PRODUCTS



MARKET GENERAL	PREMIUM SYNTHETIC BLEND		PREMIUM FULL SYNTHETIC			
Super-D® EC	Super-D XA® w/Liquid Titanium®	Super-D FE w/Liquid Titanium	SHP® w/Liquid Titanium	SHP Euro	SHP FE	SHP Arctic w/Liquid Titanium
<b>CK-4</b>	<b>CK-4</b>	<b>FA-4</b>	<b>CK-4</b>	<b>CK-4</b>	<b>FA-4</b>	<b>CK-4</b>
<p><b>Product Tier</b> Diesel only</p> <p><b>Viscosity</b> 15W-40, 10W-30</p> <p><b>Specs*</b> All major OEM specifications</p> <p><b>Key Performance Benefits</b> Excellent performance in standard service</p> <p><b>Customer/Applications</b> Fleets, off-road</p>	<p><b>Product Tier</b> Diesel only</p> <p><b>Viscosity</b> 15W-40, 10W-30</p> <p><b>Specs*</b> All major OEM specifications</p> <p><b>Key Performance Benefits</b> Excellent for severe duty</p> <p><b>Customer/Applications</b> Trucking, construction, mining, agriculture</p>	<p><b>Product Tier</b> Diesel only</p> <p><b>Viscosity</b> 10W-30</p> <p><b>Specs*</b> All major OEM specifications</p> <p><b>Key Performance Benefits</b> Superior fuel efficiency and wear control</p> <p><b>Customer/Applications</b> On-highway fleets seeking fuel economy without compromising engine protection</p>	<p><b>Product Tier</b> Diesel only</p> <p><b>Viscosity</b> 5W-40</p> <p><b>Specs*</b> All major OEM specifications</p> <p><b>Key Performance Benefits</b> Superior performance in extreme conditions</p> <p><b>Customer/Applications</b> On- and off-highway in low temperatures</p>	<p><b>Product Tier</b> Universal oil</p> <p><b>Viscosity</b> 5W-30</p> <p><b>Specs*</b> ACEA E6, Mercedes-Benz 228.51, other major OEM specifications</p> <p><b>Key Performance Benefits</b> Extended service</p> <p><b>Customer/Applications</b> European OEMs including DAF, Damiler, Iveco, MAN, Volvo Renault</p>	<p><b>Product Tier</b> Universal oil</p> <p><b>Viscosity</b> 5W-30</p> <p><b>Specs*</b> API FA-4, SN; other major OEM specifications</p> <p><b>Key Performance Benefits</b> Fuel economy, superior low-temp properties, long drain intervals</p> <p><b>Customer/Applications</b> On-highway fleets seeking maximum fuel economy</p>	<p><b>Product Tier</b> Diesel only</p> <p><b>Viscosity</b> 0W-40</p> <p><b>Specs*</b> All major OEM specifications</p> <p><b>Key Performance Benefits</b> Unparalleled performance in arctic conditions</p> <p><b>Customer/Applications</b> On- and off-highway operating in arctic extremes</p>

\*See Product Data Sheet for full list of approvals

